



WEEKLY SUMMARY REPORT

PROJECT NO.:	2476.0001Y006	WEEKLY REPORTING PERIOD: Monday May 14, 2018 through Sunday May 20, 2018
PROJECT:	CFAC Phase II Site Characterization	
LOCATION:	Columbia Falls, Montana	

SUMMARY OF WORK COMPLETED

- Cascade and Roux personnel drilled and installed one monitoring well with the Sonic (CFMW-070) screened in the upper hydrogeologic unit. Soil samples were collected from the surface, shallow, intermediate, and deep soil intervals above the screen and within the water table;
- Cascade and Roux personnel drilled 11 soil borings with the Sonic in the Main Plant building area (CFSB-154, 155, 156, 163, 164, 165, 166, 167, 286, 287, 288). Soil samples were collected from beneath the basement slab in all proposed locations identified in the Phase II SAP. Soil borings CFSB-286, 287, and 288 were drilled as opportunity borings to delineate the Main Plant utility tunnel oil. Opportunity samples were collected at CFSB-287;
- Cascade and Roux personnel advanced soil borings CFSB-279 and 280 located in the North-West Percolation Ponds utilizing the Sonic rig. These locations were previously not drilled to the terminal intermediate depths due to drilling refusal with the Geoprobe. The intermediate depth samples were collected from these locations;
- Cascade and Roux completed 7 Decision Units within grids 004, 007, 011, 012, 013, 014, and 015 and collected composite surface and composite shallow samples for Incremental Sampling Methodology (ISM) processing and laboratory analysis. Replicate sampling was completed in grids 004, 011, and 015;
- Roux's Quality Assurance Officer completed a field audit on May 17, 2018. The field audit focused on the ISM sampling and the Sonic drilling in the Main Plant building area. No major correction action activities were needed as a result of the field audit. Results of the field audit will be included in the Phase II DSR;
- Soil investigation derived waste (IDW) from soil boring and monitoring well locations were transferred to the IDW roll-off bins stored in the warehouse; and
- The Sonic soil boring and well installation scope of work was completed. Cascade's Sonic drilling crew demobilized from the Site on Saturday, May 19, 2018.

SUMMARY OF WORK PLANNED FOR NEXT WEEK / ANTICIPATED SCHEDULE CHANGES

- Planned
 - Continue collecting ISM samples with the use of the Geoprobe direct-push rig;
 - Continue collecting soil samples for laboratory analysis;
 - Cascade's development rig is mobilizing to the Site and well development will begin for the eight newly installed monitoring wells;
 - Sands Surveying is mobilizing to the Site to conduct the LiDAR flyover topographic survey and to measure the elevation and coordinates of the eight newly installed monitoring wells;
 - USEPA's consultant, CDM Smith, will mobilize to the Site next week to conduct a field audit.
 - Pending the completion of the above described tasks, Roux will demobilize from the Site next week.
- Modifications
 - No modifications to schedule or deviations from Work Plan or Phase II Sampling and Analysis Plan.

HEALTH AND SAFETY NOTES

- Roux and Cascade personnel discussed hazards associated with heat stress and took water breaks as needed.
- Roux identified onsite hazards associated with drilling in the Main Plant area such as working near Calbag. Roux and Calbag communicated as necessary to discuss their respective work zones.

OTHER NOTES

- No other notes.

Prepared by Laura Jensen Of Roux